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# TELEVISOR A COLORES

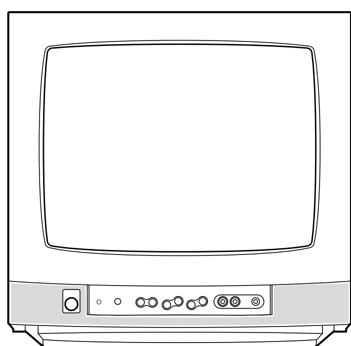
# MANUAL DE SERVICIO

**CHASIS : SC-023A**

## MODELO : RP-14CB20 RP-20CB20A RP-21FB20

**ATENCIÓN**

Antes de dar servicio al chasis, lea las PRECAUCIONES DE SEGURIDAD en este manual.



# CONTENIDO



# ESPECIFICACIONES

POTENCIA DE ENTRADA .... AC100-240V~50/60Hz
CONSUMO DE ELECTRICIDAD ....95W(21")
85W(20")
65W(14")
IMPEDANCIA DE ENTRADA EN LA ANTENA .... VHF/UHF: 75 Ohmios desbalanceado (solamente.)
RANGO DE LOS CANALES
12 canales VHF.... Canales 2-13
56 canales UHF .... Canales 14-69
125 canales CATV .... Canales 01, 02 al 13, 14 al 125
FRECUENCIAS INTERMEDIAS
Frecuencia Intermedia portadora de la Imagen .... 45.75MHz
Frecuencia Intermedia portadora del Sonido .... 41.25MHz
Frecuencia sub-portadora del color .... 42.17MHz
Frecuencia del centro .... 44MHz
CONSTRUCCIÓN DEL CHASIS .... Chasis Estado Sólido ("solid state") I.C.
TUBO DE IMAGEN ....A51QDJ279X(21')
A48KRD89X(20")
A34KPU02XX(14")
SALIDA DE SONIDO .... (a 10% de distorsión armónica) 5W+5W
GABINETE .... De Madera, portátil

# ABREVIACIONES UTILIZADAS EN ESTE MANUA

AC .... Corriente alterna
ACC .... Control automático del croma
ADJ .... Ajuste
AFC .... Control automático de la frecuencia
AGC .... Control automático de ganancia
AF .... Audio Frecuencia
APC .... Control automático de fase
AMP .... Amplificador
CRT .... Tubo de rayos catódicos
DEF .... Deflexión
DET .... Detector
DY .... Yugo deflector ("deflection yoke")
ES .... Electrostáticamente sensible
FBP .... Pulso de retorno
FBT .... Transformador de retorno
GND .... Tierra
H.V. .... Alto Voltaje
ITC .... Centro intermedio de conmutación
OSC .... Osciloscopio
OSD .... Desplegado en pantalla ("ON SCREEN DISPLAY")
PCB .... Tablero del Circuito impreso
RF .... RADIO FRECUENCIA
SEP .... Separador
SYNC .... Sincronización
SVC .... Controles de volúmen de la pantalla
S.I.F. .... Frecuencia intermedia de sonido
V.I.F. .... Frecuencia intermedia del video
H .... Horizontal
V ....Vertical
IC .... Circuito integrado

# PRECAUCIONES DE SEGURIDAD

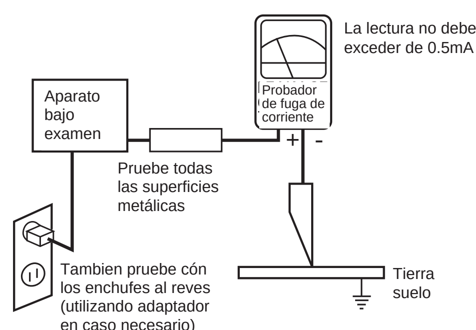
**ADVERTENCIA:** Antes de dar servicio a este chasis, lea "PRECAUCIONES RESPECTO A RADIACION POR RAYOS X", "INSTRUCCIONES DE SEGURIDAD" y "AVISO SOBRE SEGURIDAD DE PRODUCTOS"

## PRECAUCIONES RESPECTO A RADIACION POR RAYOS "X"

1. El voltaje excesivo puede causar RADIACIÓN POR RAYOS "X" potencialmente peligrosa. Para evitar tales peligros, el voltaje no debe exceder el límite especificado. El valor nominal para el alto voltaje de este receptor es de 25KV en brillantez máxima bajo la fuente especificada. El alto voltaje no deberá exceder, bajo ninguna circunstancia, de 28KV.
   Cada vez que el receptor requiera servicio, se debe verificar el alto voltaje y registrarlo como parte del historial de servicio del aparato.
   Es importante utilizar un medidor de voltaje que sea preciso y confiable.
2. La única fuente de RADIACION DE RAYOS-X en este receptor de televisión es el tubo de la imagen. Para protección contínuada de la RADIACION DE RAYOS-X, el reemplazo que se haga del tubo debe ser con otro del mismo tipo especificado en la lista de partes.
3. Algunas partes de este receptor tienen caractéristicas especiales relacionadas con la protección contra RADIACION DE RAYOS-X. Para que la protección sea continua, la selección de partes de repuesto se debe hacer solo después de haberse referido al AVISO SOBRE SEGURIDAD DE PRODUCTOS que aparece mas abajo.

## INSTRUCCIONES DE SEGURIDAD

1. Cuando el receptor está en operación, se producen voltajes potencialmente tan altos como 25,000-29,000 voltios. Operar el receptor fuera de su gabinete o con la tapa trasera removida puede causar peligro de choque eléctrico.
   (1) Nadie debe intentar dar servicio si no está debidamente familiarizado con las precauciones que son necesarias cuando se trabaja con un equipo de alto voltaje.
   (2) Siempre descargue el ánodo del tubo de la imagen a tierra para evitar el riesgo de choque eléctrico antes de remover la tapa del ánodo.
   (3) Descargue completamente el alto potencial del tubo de imagen antes de manipularlo. El tubo de la imagen es de alto vacío y, si se rompe, los fragmentos de vidrio salen despedidos violentamente.
2. Si se quemara algún fusible de este receptor de televisión, reemplácelo con otro especificado en la lista de partes.
3. Cuando reemplace tableros o plaquetas de circuitos, cuidadosamente enrolle sus alambres alrededor de las terminales antes de soldar.
4. Cuando reemplace un resistencia de vataje (resistor de película de óxido metálico) en el Tablero o Plaqueta de circuitos, mantenga la resistencia a un mínimo de 10mm de distancia.
5. Mantenga los alambres lejos de componentes de alto voltaje o de alta temperatura.
6. Este receptor de televisión debe conectarse a una fuente de 100 a 240 V AC.
7. Antes de devolver este aparato al cliente, haga una verificación de fuga de corriente sobre las partes metálicas del gabinete expuestas, tales como antenas, terminales, cabezas de tornillos, tapas de metal, palancas de control etc., para estar seguro de que el equipo funciona sin peligro de choque eléctrico. Enchufe el cordón directamente al tomacorriente de la línea de AC 100-240V.
   No utilice una línea aislada de transformador durante esta verificación. Use un voltímetro de 1000 Ohmios por voltio de sensibilidad o más, en la forma que se describe a continuación.
   Cuando la unidad está ya conectada a la AC, pulse el conmutador primero poniéndolo en "ON" (encendiendo) y luego en "OFF" (apagando), mida desde un punto de tierra conocido, tal como una (cañería de metal, una manija metálica, una tubería etc.) a todas las partes metálicas expuestas del receptor de televisión (antenas, manijas de metal, gabinetes de metal, cubiertas de metal, palancas de control etc.,) especialmente cualquiera de las partes metálicas expuestas que puedan ofrecer un camino hacia el chasis. Ninguna medición de corriente eléctrica debe exceder de 0.5 miliamperios. Repita la prueba cambiando la posición del enchufe en el tomacorriente. Cualquier medición que no esté dentro de los límites especificados aquí representan un riesgo potencial de choque eléctrico que debe ser eliminado antes de devolver el equipo al cliente.




## AVISO SOBRE SEGURIDAD DE PRODUCTOS

Muchas de las partes, electricas y mecánicas en este chasis tienen caracteristicas relacionadas con la seguridad. Estas caracteristicas frecuentemente pasan desapercibidas en las inspecciones visuales y la proteccion que proporcionan contra la RADIACION DE RAYOS-X no siempre necesariamente se obtiene al mismo grado cuando se reemplazan piezas o componentes diseñados para voltajes o vatajes mayores, etc. Las piezas que tienen estas caracteristicas de seguridad se identifican por la marca ⚠ impresa sobre el diagrama esquematico y la marca ★ impresa en la lista de partes. Antes de reemplazar alguno de esos componente, lea cuidadosamente la lista de este manual. El uso de partes de reemplazo que no tengan las mismas caracteristicas de seguridad, como se especifica en la lista de partes, puede crear Radiacion de Rayos-X.

# INSTRUCCIONES DE AJUSTE

## 1. Objeto de aplicación

Estas instrucciones se aplican al chasis SC-023A.

## 2. Notas

(1) Debido a que este no es un chasis caliente, no es necesario utilizar un transformador de aislamiento. De todas formas, el uso de un transformador de aislamiento ayudará a protejer los instrumentos de prueba.
(2) Los ajustes deben se realizados en el orden correcto.
(3) Los ajustes deben ser efectuados bajo condiciones de 25±5°C de temperatura y 65±10% de humedad relativa si no se especifica alguna designación.
(4) El voltaje de entrada del receptor debe mantenerse en (100~240V)±10%, 50/60Hz durante el ajuste.
(5) El receptor debe ponerse en funcionamiento al rededor de 15 minutos antes del ajuste. Pero el ajuste en el tablero puede hacerse en el estado jig inmediatamente.
(6) Señal : la señal de color estandar esta aprobada en 65±1dBµV.La señal estandar de color se refiere a la señal de patron digital.

## 3. Ajuste del Voltaje AGC

### 3.1 Pasos preliminares

(1) Provea 65db (±1db) LG de señal estándar. (480NC, patrón digital, 13CH).
(2) Conecte el multímetro al C102 (Verificación del AGC).

### 3.2 Ajuste

(1) Seleccione el modo “RFAGC” con un control remoto de fábrica.
(2) Ajuste el “RFAGC” hasta que el voltaje del multímetro muestre 2.2V±0.05V.

(3) **PRECAUCIÓN** : Ya que la intensidad de la señal puede ser fácilmente cambiada por la condición del cable de señal, necesita verificar frecuentemente la intensidad de la señal para prevenir desajustes.

## 4. Ajuste del Voltaje de Screen

### 4.1 Pasos preliminares

(1) Reciba el patrón estándar LG (patrón digital, 480NC, 13CH).
(2) Ajuste la condición de imagen al modo “CLEAR”.

CLEAR
- CONTRAST : 100
- BRIGHTNESS : 50
- COLOR : 50
- SHARPNESS : 50
- TINT : 0

### 4.2 Ajuste

(1) Presione el botón ADJ o SVC en el control remoto para obtener la linea horizontal.
(2) Gire el volumen Screen hasta hacer desaparecer la línea horizontal y gire en sentido contrario hasta que se empieze a mostrar la línea horizontal.

## 5. Ajuste de Pureza y Convergencia

### 5.1 Ajuste de Pureza

#### (1) Pasos preliminares

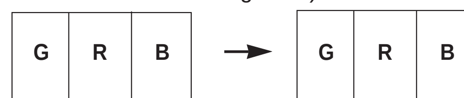
① Reciba el patrón de barrido ROJO.
② Desmagnetize el CPT y el gabinete con un desmagnetizador.

#### (2) Ajuste de Línea Horizontal

① Preajuste la Convergencia estática(STC) con el magneto de 4 y 6 polos.
② Verifique si el haz cae en el agujero de la malla fijando dos magnetos bipolares en direcciones opuestas respectivamente.
③ Si no, ajuste un magneto bipolar de manera que el haz caiga en el agujero de la malla con precisión.

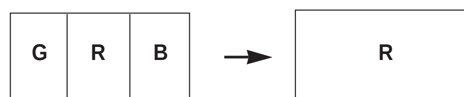
#### (3) Ajuste de Pureza

① Acerque el Yugo al CPT.
② Reciba el patrón rojo y ajuste el magneto de dos polos barras de color rojo para localizar el centro y hacer las porciones de color verde y azul iguales.<Fig. 1> (Tenga cuidado con el ARO si el magneto de dos polos está abierto más de 30 grados)




<Fig. 1>

③ Ponga la pantalla completamente roja, moviendo el Yugo hacia atrás lentamente.<Fig. 2> (Cuando ajuste el yugo, use un destornillador eléctrico cuya presión de torque sea menor a 10Kg/Cm.)




<Fig. 2>

### 5.2 Ajuste de Convergencia

#### (1) Prueba de equipo

① Bobina desmagnetizadora
② Jig de fijación de convergencia

#### (2) Pasos Preliminares

① Ponga el TV en funcionamiento 30 minutos antes del ajuste.
② Desmagnetize el CPT y el gabinete con la bobina desmagnetizadora.
③ Reciba el patrón Cross Hatch.
④ Ajuste el contraste y el brillo para su observación.

#### (3) Ajuste de convergencia Estática (STC)

① Reciba el patrón Cross Hatch.
② Ajuste el Foco con el ajuste de volumen de foco.
③ Abra los magnetos de 4 polos hasta que las líneas verticales rojas y azules se unifiquen.
④ Rote los magnetos de 4 polos manteniendo el ángulo entre los dos magnetos de 4 polos hasta que las líneas horizontals roja y azul se unifiquen.

⑤ Abra los magnetos de 6 polos hasta que el ajuste horizontal la línea Magenta (rojo y azul)y verde se unifiquen.

⑥ Rote los magnetos de 6 polos hasta que la línea vertical magenta (rojo y azul) y la línea verde se unifiquen.

**(4) Ajuste de Convergencia Dinámica (DYC)**

① Ajuste de Línea Vertical : Ajuste moviendo el yugo a la derecha y a la izquierda.

② Ajuste de Línea Horizontal : Ajuste moviendo el yugo hacia arriba y hacia abajo.

<table>
<tr><th colspan="2">Contenido</th><th colspan="4">Especificación</th><th>Condición</th></tr>
<tr><td colspan="2">Convergencia</td><td colspan="4"></td><td rowspan="8">10 12 2<br>A X B<br>9 L C R 3<br>D Y E<br>8 6 4<br>* Cada indicador se mantiene en un rango de 30ø.<br>● Ajuste después de calentar el tubo de pantalla por más de 15 minutos.<br>● La posición de ajuste es el centro del círculo de arriba.<br>● La especificación de la dirección horizontal y vertical son iguales.</td></tr>
<tr><td>Localización</td><td></td><td>14"</td><td>15"</td><td>20"</td><td>21"</td></tr>
<tr><td>C</td><td>Colores</td><td>-</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>L,R,X,Y</td><td>Colores</td><td>0.8</td><td>0.8</td><td>0.8</td><td>0.8</td></tr>
<tr><td>A,B,D,E</td><td>Colores</td><td>0.8</td><td>0.8</td><td>0.8</td><td>0.8</td></tr>
<tr><td>3,6,9,12</td><td>Colores</td><td>1.0</td><td>1.0</td><td>1.0</td><td>1.0</td></tr>
<tr><td>2,4,8,10</td><td>Colores</td><td>1.4</td><td>1.4</td><td>1.4</td><td>1.4</td></tr>
<tr><td colspan="6">Colores : R/B, R/G, B/G <Unidad : mm></td></tr>
</table>

# 6. Ajuste de Balance de Blanco

## 6.1 Equipo de Prueba

(1) Medidor automático de balance de blanco(Puede generar patrones de alta o baja luminosidad)

(2) Medidor de balance de blanco (CRT Analizador de color, CA-100)

(3) Control remoto SVC para los ajustes.

## 6.2 Pasos Preliminares

Realice los ajustes del screen primero.

## 6.3 Ajuste

(1) El balance de blanco puede ajustarse con el control remoto SVC.

(2) Entre en el modo de ajuste presionando el botón INSTART.

(3) Ajuste el item con CH ▲, ▼.

(4) Ajuste los datos con VOL ◀, ▶.

**(5) Procedimientos de Ajuste**

① Ajuste el contraste y el brillo hasta que la señal del área de alta luminosidad sea 35Ft_L.

② Seleccione el G-DRIVE(SUB 7) y ajuste la coordenada Y en Altal luminosidad y seleccione B-DRIVE(SUB 8) y ajuste la coordenada X de manera que las coordenadas del color en alta luminosidad tenga los valores de la Tabla de abajo.

③ Ajuste el contraste y el brill de manera que le nivel del brillo sea 4.5Ft_L.

④ Seleccione G-CUT(SUB 5) y ajuste la coordenada Y en baja luminosidad y seleccione B-CUT(SUB 6) y ajuste la coordenada X de manera que las coordenadas del color en baja luminosidad tenga los valores de la Tabla de abajo.

⑤ Repita los pasos del ① ~ ④ hasta obtener las coordenadas del color en alta y baja luminosidad.

⑥ Revise los resultados del ajuste utilizando un medidor de balance de blanco.

| Temperatura del color | MPCD | Coordenada X | Coordenada Y |
|---|---|---|---|
| 10,000 ±800 | ±10 | 0.282 ±0.008 | 0.288 ±0.008 |

# 7. Ajuste de Foco

Ajuste después de poner la unidad en funcionamiento el tiempo suficiente.

## 7.1 Pasos Preliminares

(1) Reciba el patrón estándar LG (patrón digital, 480NC, 13CH).

(2) Ajuste la condición de imagen al modo "CLEAR".

CLEAR
- CONTRAST : 100
- BRIGHTNESS : 50
- COLOR : 50
- SHARPNESS : 50
- TINT : 0

## 7.2 Ajuste

Ajuste el foco central con el volumen superior del foco y ajuste el foco de las esquinas con el volumen inferior del foco.Repita el ajuste del foco hasta que tenga un foco apropiado

# 8. Ajuste de Sub-Brillo

El balance de Blanco debe ajustarse primero.

## 8.1 Pasos Preliminares

(1) Reciba el Mono Scope .

(2) Seleccione la condición de imagen "CLEAR".

## 8.2 Ajuste

(1) Seleccione el modo de Sub-Brillo presionando el botón ADJ o SVC en el control remoto de svc.

(2) Ajuste hasta que el número "2" desaparezca en la escala gris de la señal MONO Scope mediante los botones VOL◀, VOL▶. (21" FLAT Modelo : 3)

0 1 2 3 4 5 6 7 8 9 ◀Gray Scale

◀Color Bar

# 9. Ajuste de Sub-Tinte

(1) Reciba el SMPTE .
(2) Seleccione el modo de Sub-Tinte presionando el botón ADJ o SVC en el control remoto de svc.
(3) Ajuste hasta que el color tapa y fondo se parezcan con los botones VOL◀, ▶.

# 10. Ajuste de datos de Deflexión

## 10.1 Pasos Preliminares

(1) Fije los datos de deflexión con el control remoto de SVC.
(2) Entre al modo de ajuste de deflexión por medio del botón INSTART.
(3) Use los botones CH▲, CH▼ para cambiar los item de ajustes.
(4) Use los botones VOL◀, VOL▶ para cambiar los datos.

## 10.2 Ajustes

### (1) Ajuste de Posición Horizontal

Seleccione SUB 1(H POSIT) y ajuste hasta que la imagen izquierda y derecha sean simétricamente igual.

### (2) Ajuste de Posición Vertical

Seleccione el SUB 2(V-POS) y ajuste hasta que el centro mecánico y el centro de la pantalla se unan.

### (3) Ajuste del Tamaño Vertical

Seleccione SUB 3(V ISZ) y ajuste hasta que el pequeño círculo interno del Patrón Digital coincida con la línea exterior de la pantalla como se muestra en la figura.

# 11. IIC BUS Tabla de datos de ajuste

## 11.1 21" FLAT Model

| Menú | OSD | Ajuste | Rango | Ajuste Inicial | Remark |
|---|---|---|---|---|---|
| S - 0 | RF AGC | AGC Voltage Adj. | 0 ~ 63 | 50 | Necessary |
| S - 1 | H POSIT | Horizontal Postilion | 0 ~ 31 | 13 | Necessary |
| S - 2 | V-POS | Vertical Position | 0 ~ 7 | 3 | Necessary |
| S - 3 | V SIZE | Vertical SIZE | 0 ~ 63 | 53 | Necessary |
| S - 4 | R-CUT | R CUT OFF | 0 ~ 255 | 128 | Necessary |
| S - 5 | G-CUT | G CUT OFF | 0 ~ 255 | 128 | Necessary |
| S - 6 | B-CUT | B CUT OFF | 0 ~ 255 | 128 | Necessary |
| S - 7 | G-DRIVE | | 0 ~ 127 | 64 | Necessary |
| S - 8 | B-DRIVE | | 0 ~ 127 | 64 | Necessary |
| S - 9 | V CENTE | | 0 ~ 63 | 36 | Unnecessary |
| S - 10 | V LINEA | | 0 ~ 15 | 9 | Unnecessary |
| S - 11 | V S COR | | 0 ~ 15 | 7 | Unnecessary |
| S - 12 | AFC GAI | | 0 ~ 3 | 0 | Unnecessary |
| S - 13 | ABL GAI | | 0 ~ 3 | 3 | Unnecessary |
| S - 14 | YPL | | 0 ~ 1 | 1 | Unnecessary |
| S - 15 | C-GAMMA | | 0 ~ 1 | 1 | Unnecessary |
| S - 16 | N MATRI | | 0 ~ 3 | 1 | Unnecessary |
| S - 17 | A-SHARP | | 0 ~ 7 | 3 | Unnecessary |
| S - 18 | RGBMUTE | | 0 ~ 1 | 0 | Unnecessary |
| S - 19 | AU GAIN | | 0 ~ 1 | 0 | Unnecessary |
| S - 20 | MIX GAI | | 0 ~ 1 | 0 | Unnecessary |
| S - 21 | Y-GAMMA | | 0 ~ 3 | 3 | Unnecessary |
| S - 22 | BLK STR | | 0 ~ 3 | 3 | Unnecessary |
| S - 23 | Y DL | | 0 ~ 7 | 1 | Unnecessary |
| S - 24 | ABL POI | | 0 ~ 3 | 0 | Unnecessary |
| S - 25 | BPT-TOF | | 0 ~ 1 | 1 | Unnecessary |
| S - 26 | V AGC | | 0 ~ 1 | 0 | Unnecessary |
| S - 27 | V R BIA | | 0 ~ 1 | 1 | Unnecessary |
| S - 28 | SYN SEP | | 0 ~ 1 | 0 | Unnecessary |
| S - 29 | OVER MOD | | 0 ~ 1 | 0 | Unnecessary |
| S - 30 | | Inside TEST Pattern | | | Unnecessary |
| S - 31 | OSD POSITION | | 0 ~ 70 | 17 | Unnecessary |

* SUB 0~SUB 8 son necesarios ajustar y azul OSD.
* SUB 9~SUB 30 no son necesarios ajustar y OSD rojo.

## 11.2 14/20/21" Normal Model

| Menú | OSD | Ajuste | Rango | Ajuste Inicial | Remark |
|---|---|---|---|---|---|
| S - 0 | RF AGC | AAGC Voltage Adj. | 0 ~ 63 | 50 | Necessary |
| S - 1 | H POSIT | Horizontal Postilion | 0 ~ 31 | 15 | Necessary |
| S - 2 | V-POS | Vertical Position | 0 ~ 7 | 3 | Necessary |
| S - 3 | V SIZE | Vertical SIZE | 0 ~ 63 | 40 | Necessary |
| S - 4 | R-CUT | R CUT OFF | 0 ~ 255 | 128 | Necessary |
| S - 5 | G-CUT | G CUT OFF | 0 ~ 255 | 128 | Necessary |
| S - 6 | B-CUT | B CUT OFF | 0 ~ 255 | 128 | Necessary |
| S - 7 | G-DRIVE | | 0 ~ 127 | 64 | Necessary |
| S - 8 | B-DRIVE | | 0 ~ 127 | 64 | Necessary |
| S - 9 | V CENTE | | 0 ~ 63 | 36 | Unnecessary |
| S - 10 | V LINEA | | 0 ~ 15 | 9 | Unnecessary |
| S - 11 | V S COR | | 0 ~ 15 | 3 | Unnecessary |
| S - 12 | AFC GAI | | 0 ~ 3 | 0 | Unnecessary |
| S - 13 | ABL GAI | | 0 ~ 3 | 3 | Unnecessary |
| S - 14 | YPL | | 0 ~ 1 | 1 | Unnecessary |
| S - 15 | C-GAMMA | | 0 ~ 1 | 1 | Unnecessary |
| S - 16 | N MATRI | | 0 ~ 3 | 1 | Unnecessary |
| S - 17 | A-SHARP | | 0 ~ 7 | 3 | Unnecessary |
| S - 18 | RGBMUTE | | 0 ~ 1 | 0 | Unnecessary |
| S - 19 | AU GAIN | | 0 ~ 1 | 0 | Unnecessary |
| S - 20 | MIX GAI | | 0 ~ 1 | 0 | Unnecessary |
| S - 21 | Y-GAMMA | | 0 ~ 3 | 3 | Unnecessary |
| S - 22 | BLK STR | | 0 ~ 3 | 2 | Unnecessary |
| S - 23 | Y DL | | 0 ~ 7 | 1 | Unnecessary |
| S - 24 | ABL POI | | 0 ~ 3 | 0 | Unnecessary |
| S - 25 | BPT-TOF | | 0 ~ 1 | 1 | Unnecessary |
| S - 26 | V AGC | | 0 ~ 1 | 0 | Unnecessary |
| S - 27 | V R BIA | | 0 ~ 1 | 1 | Unnecessary |
| S - 28 | SYN SEP | | 0 ~ 1 | 0 | Unnecessary |
| S - 29 | VOL ATT | | 0 ~ 127 | 86 | Unnecessary |
| S - 30 | OVER MOD | | 0 ~ 1 | 0 | Unnecessary |
| S - 31 | | Inside TEST Pattern | | | Unnecessary |
| S - 32 | OSD POSITION | | 0 ~ 70 | 17 | Unnecessary |

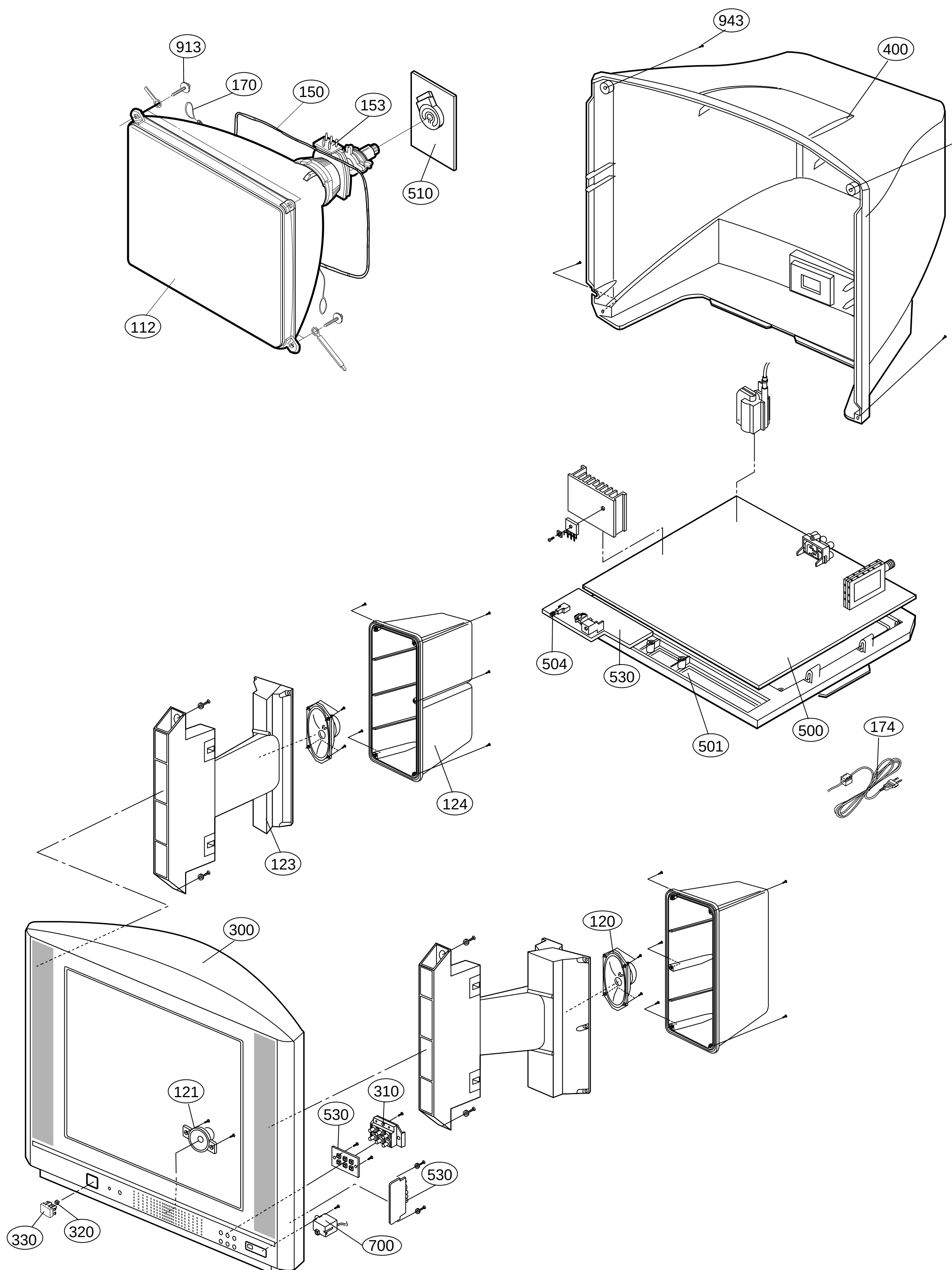
* SUB 0~SUB 8 son necesarios ajustar y azul OSD.
* SUB 9~SUB 31 no son necesarios ajustar y OSD rojo.

# 12. IIC BUS Tabla de datos de ajuste(SUB)

| Menú | OSD | Ajuste | Rango | Ajuste Inicial | Remark |
|---|---|---|---|---|---|
| 1 | SUB-BRIGHTNESS | | 0 ~ 100 | 50 | Necessary |
| 2 | SUB-TINT | | -20(R) ~ +20(G) | 0 | Unnecessary |
| 3 | SUB-CONTRAST | | 0 ~ 15 | 15 | Unnecessary |

**MEMO**

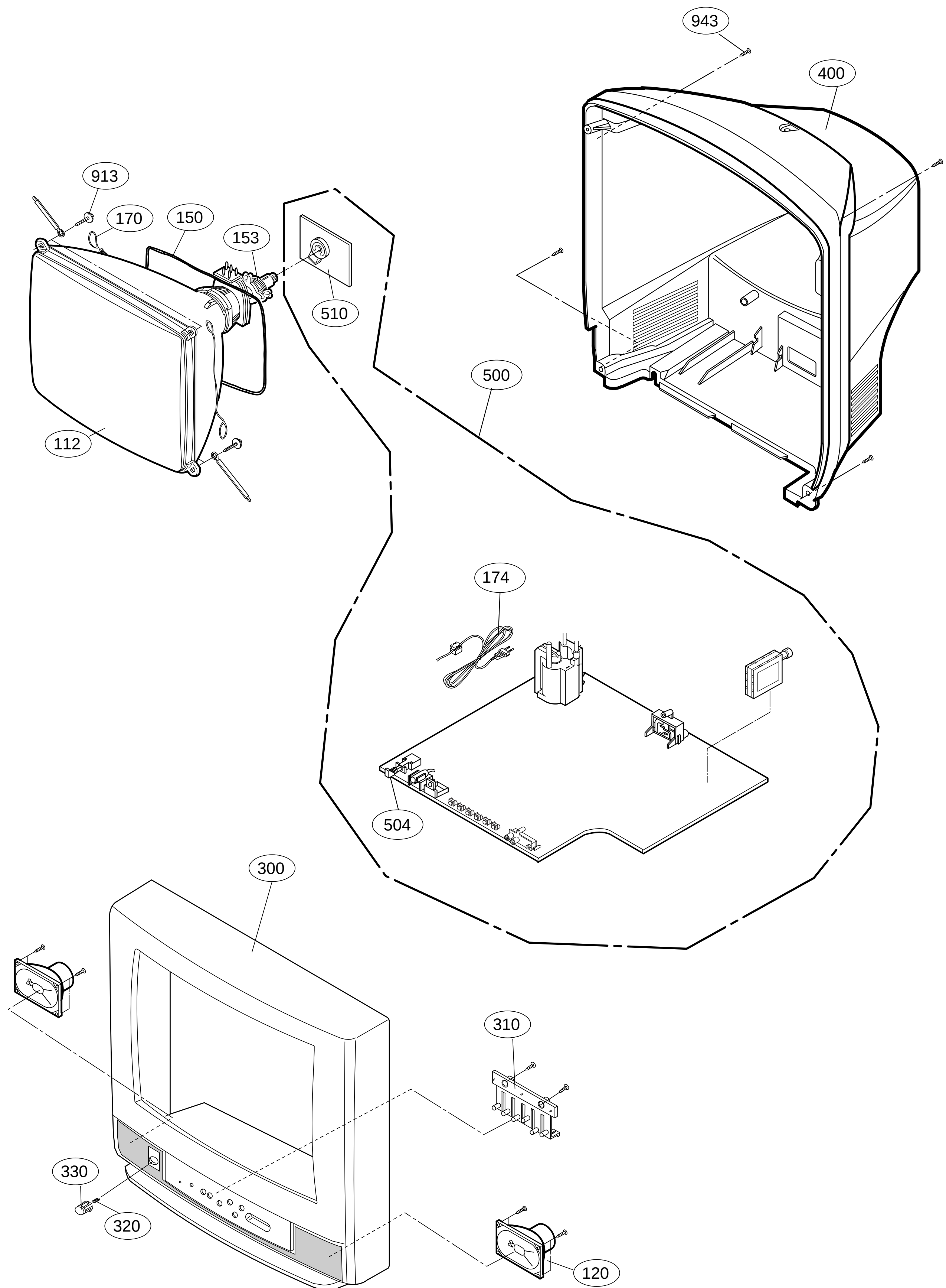
# VISTA EN DESPIECE(RP-21FB20)



# LISTA DE VISTA EN DESPIECE

| No. | Part No. | Description |
|---|---|---|
| 112 | 2426GDB30CA | CPT SET,A51QDJ279X(PB) 00Q7NP FREE,BARE |
| | 6334V21004B | CPT SET *S/S CPT |
| 120 | 120-D38C | SPEAKER,MID-RANGE 8 OHM 15/25W 87 128*77 |
| 121 | 6400VG0002A | SPEAKER,TWEETER T0520101(C76G) BUKDOO 8 OHM 10/20W 88DB |
| 123 | 4810V00267B | BRACKET,SPK(CKD) PP |
| 124 | 4810V00124B | BRACKET,CKD SUB(EXTRA) PP COVER |
| 150 | 6140VC2001M | COIL,DEGAUSSING CU 21 50 TURN 14OHM MC019A |
| 153 | 6150Z-1223A | DY,DC21SPFL3 21FCD PIN FREE (LEE SEUNG CHEOL) |
| | 6150V-1019C | DY,DIF-2192AA(NF5) *S/S CPT |
| 170 | 170-A01N | CPT EARTH,21 64T 2LUG 1P HSG CL-21Q20ET(PC-99DA) |
| 174 | 174-009E | POWER CORD,POWER(W/HOLD,HOUSING,L=200,4.0 |
| 300 | 3091V00439J | CABINET ASSEMBLY,RP-21FB20 STEREO SC023A LGERS ASSY |
| 310 | 5020V00657D | BUTTON,CONTROL RP-21FB20 ABS, HF-380 6KEY CKD |
| 320 | 320-062E | SPRING,KNOB |
| 330 | 5020V00656A | BUTTON,POWER 29FB20 ABS, HF-380 1KEY NON |
| 400 | 3809V00296E | BACK COVER ASSEMBLY,RP-21FB20G DVD(1PHONE) CKD LGECM |
| 500 | 3141VMNN35C | CHASSIS ASSEMBLY,MAIN SC023A 21F/ST/DVD/S(EAR)/EYE/PUSH |
| | 3141VMNN35D | CHASSIS ASSEMBLY,MAIN SC023A *S/S CPT |
| 501 | 4810V00555C | BRACKET,MAIN RP-21FB20 SC023A HIPS 60HR CKD |
| 504 | 351-009A | LINK POWER S/W |
| 510 | 6871VSN175A | PCB ASSEMBLY,SUB CRTMIN SC023A 21 FLAT |
| 530 | 6871VSMN62D | PCB ASSEMBLY,SUB PSW SC023A 21FB20/LGERS |
| 540 | 6871VSMN61B | PCB ASSEMBLY,SUB CONT SC023A /FB20/RS |
| 600 | 6871VSMN60B | PCB ASSEMBLY,SUB A/V SC023A /SIDE(EAR)/FB20/RS |
| 700 | 0IGL120104A | CDS SENSOR MODULE(P1201-04) |
| 912 | 332-240B | SCREW ASSY,P TYPE+WASHER(4*16+D14) NON (4*16+D14) FZMY-1 |
| 913 | 332-057B | SCREW ASSY,HEXAGON HEAD |
| 943 | 1PTF0403116 | SCREW,TAP TITE(P)[TRUSS HEAD] |

# VISTA EN DESPIECE(RP-14CB20/20CB20A)



# LISTA DE VISTA EN DESPIECE

| No. | Part No. | | Description |
|---|---|---|---|
| | 14" | 20" | |
| 104 | - | 343-B52A | SUPPORTER,PCB |
| 112 | 6341V14004B | 2055-01221M | CPT SET |
| | 6335V14009A | 6335V20011B | CPT ASSEMBLY *PHILIPS CPT |
| | 6341V14002B | 112-C20R | CPT SET *S/S CPT |
| 120 | 6400VA0018D | 6400VA0019B | SPEAKER,GENERAL |
| 150 | 150-D01C | 150-D04P | COIL,DEGAUSSING |
| 153 | 153-113V | 153-276A | DY |
| | 6150V-1009A | 6150V00001A | DY *S/S CPT |
| 170 | 170-A01A | 170-A01F | CPT EARTH |
| 174 | 174-009D | 174-009E | POWER CORD |
| 300 | 3091V00B17B | 3091V00A47A | CABINET ASSEMBLY |
| 310 | 5020V00690B | 5020V00643A | BUTTON,CONTROL |
| 320 | 320-062H | 320-062H | SPRING,COIL |
| 330 | 5020V00689B | 5020V00644A | BUTTON,POWER |
| 400 | 3809V00A68C | 3809V00A28A | BACK COVER ASSEMBLY |
| 500 | 3141VMNN25T | 3141VMNN10N | CHASSIS ASSEMBLY,MAIN SC023A |
| | 3141VMNN25U | 3141VMNN10P | CHASSIS ASSEMBLY,MAIN SC023A *PHILIPS CPT |
| | 3141VMNN25V | 3141VMNN10Q | CHASSIS ASSEMBLY,MAIN SC023A *S/S CPT |
| 504 | 351-009A | 351-009A | LINK POWER S/W |
| 510 | 6871VSN203A | 6871VSN204A | PCB ASSEMBLY,SUB CRTMIN SC-023A |
| 913 | 332-057B | 332-057A | SCREW ASSY,HEXAGON HEAD NON NON |
| 943 | 1PTF0403116 | 1PTF0403116 | SCREW,TAP TITE(P)[TRUSS HEAD] |

# LISTA DE PARTES DE REPUESTO

| For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows; | CC, CX, CK, CN : Ceramic<br>CQ : Polyestor<br>CE : Electrolytic | RD : Carbon Film<br>RS : Metal Oxide Film<br>RN : Metal Film<br>RF : Fusible |
|---|---|---|

RUN DATE : 2003.1.13

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| **IC** | | |
| IC02 | 0IAL240410A | AT24C0410PC 8D EEPROM(4K,IIC) |
| IC03 | 0IFA754207A | KA75420ZTA 3P,TO92 TP 4.2V |
| IC04 | 0IKE780500P | KIA78L05BP(AT) 3P 5V,150MA |
| IC201 | 0ISA795600A | LA7956 9P,SIP BK VIDEO SWITCH |
| IC301 | 0IPRPSA006A | LA78040 SANYO 7Z BK 1.5A VERT. OUT |
| IC501 | 0ICTMTO001A | TMPA8803CPBNG3UA7 |
| “(20”) | 0ICTMTO002B | TMPA8803CPBNG4F45+D311 |
| IC601 | 0ISG729700A | TDA7297 15P,SIP BK 2CH 15W DUAL AMP |
| IC603 | 0ISA722200A | LA7222 (1280 AUDIO) |
| IC604 | 0IFA754207A | KA75420ZTA 3P,TO92 TP 4.2V |
| IC621 | 0ISG200600A | TDA2006 5Z 1CHX10W AUDIO |
| IC661 | 0IMCRMN013A | MSP3425G PO B8 V3 MICRONAS SDIP 52P |
| IC662 | 0IFA753307A | KA75330ZTA 3P,TO92 TP 3.3V |
| IC801 | 0ILI817000G | LTV817MVB 4P,DIP BK PHOTO COU |
| IC802 | 0ILI817000G | LTV817MVB 4P,DIP BK PHOTO COU |
| IC803 | 0ISK665413C | STRF6654R(LF1352) 5 SIP BK STR |
| IC804 | 0ISS781200H | KA78R12 4P,TO220F BK LOW DROP 12V |
| IC805 | 0ISK110000A | SE110N(LF12) 3P 110V ERROR AMP |
| **TRANSISTOR** | | |
| Q10 | 0TR733009AA | KSA733CY TP |
| Q101 | 0TR319709AB | KTC3197,TP(KTC388A),KEC |
| Q102 | 0TR945009AA | KSC945CY TP TO92 50V 150MA |
| Q12 | 0TR103009AD | KRC103M(AT) TO92M TP KEC |
| Q13 | 0TR733009AA | KSA733CY TP TO92 |
| Q1301 | 0TR733009AA | KSA733CY TP TO92 |
| Q16 | 0TR102009AB | KRC102M(KRC1202) |
| Q191 | 0TR733009AA | KSA733CY TP TO92 |
| Q192 | 0TR945009AA | KSC945CY TP TO92 50V 150MA |
| Q220 | 0TR945009AA | KSC945CY TP TO92 50V 150MA |
| Q241 | 0TR733009AA | KSA733CY TP TO92 |
| Q301 | 0TR103009AD | KRC103M(AT) TO92M TP KEC |
| Q401 | 0TR322809AA | KTC32280 TP(KTC2383),KEC |
| Q402 | 0TRSA00001A | SANYO 2SD2627 BK TO220F 1500V 6A |
| Q403 | 0TR421009CB | BF421L(AMMO)TO92 TP PHILIPS |
| Q504 | 0TR945009AA | KSC945CY TP TO92 50V 150MA |
| Q621 | 0TR945009AA | KSC945CY TP TO92 50V 150MA |
| Q671 | 0TR198009BA | 2SA1980Y TP AUK |
| Q672 | 0TR198009BA | 2SA1980Y TP AUK |
| Q901 | 0TR233009CA | KSC2330Y TP TO92L |
| Q902 | 0TR233009CA | KSC2330Y TP TO92L |
| Q903 | 0TR233009CA | KSC2330Y TP TO92L |
| Q904 | 0TR127509AC | KTA1275Y TP(KTA1013),KEC |
| **DIODE** | | |
| D22 | 0DS113379BA | 1SS133 T72 TP ROHM KOREA DO34 90V |
| D23 | 0DS113379BA | 1SS133 T72 TP ROHM KOREA DO34 90V |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| D301 | 0DD150009CA | RGP15J TP GULF SEMICONDUCTOR LTD. |
| D302 | 0DD400509AA | 1N4005 TP KEC |
| D303 | 0DS113379BA | 1SS133 T72 TP ROHM KOREA DO34 90V |
| D403 | 0DS113379BA | 1SS133 T72 TP ROHM KOREA DO34 90V |
| D405 | 0DS113379BA | 1SS133 T72 TP ROHM KOREA DO34 90V |
| D501 | 0DS113379BA | 1SS133 T72 TP ROHM KOREA DO34 90V |
| D502 | 0DS113379BA | 1SS133 T72 TP ROHM KOREA DO34 90V |
| D505 | 0DR149379AA | 1N4937G TP LITEON 200NSEC 5UA |
| D801 | 0DD150009CA | RGP15J TP GULF SEMICONDUCTOR LTD. |
| D802 | 0DD100009AM | EU1ZV(1) TP SANKEN |
| D803 | 0DS113379BA | 1SS133 T72 TP ROHM KOREA DO34 90V |
| D806 | 0DD300009AC | RU3AMV(1) TP SANKEN |
| D810 | 0DD100009AM | EU1ZV(1) TP SANKEN |
| D813 | 0DD300009AC | RU3AMV(1) TP SANKEN |
| D814 | 0DD420000BB | D4L20U SHINDENGEN |
| D901 | 0DR140039AC | 1N4003E A405 200V 1A |
| DB813 | 0DD260000BB | BRIDGE D2SBA60(STK) SHINDENKEN |
| LD1 | 0DLLT0020AA | LED,LITEON LTL4223 |
| ZD102 | 0DZ510009BF | ZENER,GDZ5.1B |
| ZD103 | 0DZ300009AG | ZENER,GDZJ30B |
| ZD403 | 0DZ910009BD | ZENER,GDZJ9.1B |
| ZD407 | 0DZ910009BD | ZENER,GDZJ9.1B |
| ZD412 | 0DZ910009BD | ZENER,GDZJ9.1B |
| ZD501 | 0DZ510009BF | ZENER,GDZ5.1B |
| ZD502 | 0DZ910009BD | ZENER,GDZJ9.1B |
| ZD503 | 0DZ910009BD | ZENER,GDZJ9.1B |
| ZD504 | 0DZ910009BD | ZENER,GDZJ9.1B |
| ZD601 | 0DZ510009BF | ZENER,GDZ5.1B |
| ZD602 | 0DZ750009BE | ZENER,GDZJ7.5B |
| **CAPACITOR** | | |
| C1 | 0CC1800K415 | 18P 50V J NPO TP |
| C101 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C102 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C103 | 0CE106DK618 | 10UF STD 50V M FL TP5 |
| C104 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C105 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C106 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C107 | 0CN1020K519 | 1000P 50V K B TA52 |
| C108 | 0CE108DD618 | 1000UF STD 10V M FL TP5 |
| “(20”) | 0CE337DD618 | 330UF STD 10V M |
| C109 | 0CE225DK618 | 2.2UF STD 50V 20% FL TP 5 |
| C111 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C113 | 0CQ1531N509 | 0.015U 100V K |
| C116 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C117 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| “(20”) | 0CE108DF618 | 1000UF STD 16V M |
| C119 | 0CE106DK618 | 10UF STD 50V M FL TP5 |
| C12 | 0CN1030F679 | 10000P 16V M Y TA52 |

| | | | |
|---|---|---|---|
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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C120 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| "(20") | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C1203 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C1204 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C121 | 0CE106DK618 | 10UF STD 50V M FL TP5 |
| C124 | 0CE474DK618 | 0.4700UF STD 50V M FL TP5 |
| C125 | 0CN4710K519 | 470P 50V K B TA52 |
| C130 | 0CN4710K519 | 470P 50V K B TA52 |
| C1301 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C1302 | 0CK1030K945 | 0.01UF 50V Z F TR |
| C1303 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C131 | 0CN4710K519 | 470P 50V K B TA52 |
| C165 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C191 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C192 | 0CN2220F569 | 2200P 16V K X TA52 |
| C193 | 0CN3920F569 | 3900P 16V K X TA52 |
| C194 | 0CN1020K519 | 1000P 50V K B TA52 |
| C195 | 0CQ1021N509 | 0.001U 100V K POLY TP |
| C2 | 0CC1800K415 | 18P 50V J NPO TP |
| C204 | 0CE475DK618 | 4.7UF STD 50V 20% FL TP 5 |
| C210 | 0CQ1041N509 | 0.1U 100V K POLY TP |
| C211 | 0CQ1041N509 | 0.1U 100V K POLY TP |
| C212 | 0CQ1041N509 | 0.1U 100V K POLY TP |
| C215 | 0CE225CK636 | 2.2UF SHL,SD 50V 20% |
| C216 | 0CE475DK618 | 4.7UF STD 50V 20% FL TP 5 |
| C217 | 0CE475DK618 | 4.7UF STD 50V 20% FL TP 5 |
| C218 | 0CE475CK636 | 4.7UF SHL,SD 50V 20% |
| "(20") | 0CE475DK618 | 4.7UF STD 50V 20% |
| C219 | 0CE475CK636 | 4.7UF SHL,SD 50V 20% |
| C220 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C221 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C224 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C246 | 0CE337DD618 | 330UF STD 10V M FL TP5 |
| C270 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C28 | 0CE476DF618 | 47UF STD 16V M FL TP5 |
| C280 | 0CE475DK618 | 4.7UF STD 50V 20% FL TP 5 |
| C281 | 0CE475DK618 | 4.7UF STD 50V 20% FL TP 5 |
| C285 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C286 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C30 | 0CN1030F679 | 10000P 16V M |
| C301 | 0CQ3921N409 | 0.0039U 100V J POLY TP |
| C302 | 0CQ1221N419 | 0.0012U 100V J POLY NI TP |
| C303 | 0CK4710W515 | 470PF 500V K B TR |
| C306 | 0CQ4731N509 | 0.047U 100V K POLY TP |
| C307 | 0CE107DJ618 | 100UF STD 35V M FL TP5 |
| C308 | 0CE476DD618 | 47UF STD 10V 20% FL TP 5 |
| C309 | 0CE477DJ618 | 470UF STD 35V 20% FL TP 5 |
| C310 | 0CQ1041N509 | 0.1U 100V K POLY TP |
| C311 | 0CE228DH610 | 2200UF STD 25V M FL BULK |
| C312 | 0CE474DK618 | 0.4700UF STD 50V M FL TP5 |
| C313 | 0CE107DD618 | 100UF STD 10V M FL TP5 |
| C314 | 0CQ4731N509 | 0.047U 100V K POLY TP |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C316 | 181-007H | MPE ECQV1H474JL3(TR), 50V 0.47UF J |
| C4 | 0CE107DD618 | 100UF STD 10V M FL TP5 |
| C40 | 0CE107DD618 | 100UF STD 10V M FL TP5 |
| C401 | 0CQ8221N519 | 0.0082U 100V K POLY NI TP |
| C403 | 0CE474DK618 | 0.4700UF STD 50V M FL TP5 |
| C404 | 0CK4710W515 | 470PF 500V K B TR |
| C406 | 0CE107DF618 | 100UF STD 16V M FL TP5 |
| C407 | 0CE106DH618 | 10UF STD 25V M FL TP5 |
| C408 | 0CE225DP618 | 2.2UF STD 160V 20% FL TP 5 |
| C409 | 0CE227DD618 | 220UF STD 10V M FL TP5 |
| C412 | 181-013P | MPP 400V 0.33UF J |
| " | 181-013B | MPP 200V 0.36UF J *S/S CPT |
| "(14") | 181-013Z | MPP 400V 0.30UF J *S/S CPT |
| "(14") | 181-013E | MPP 200V 0.47UF J *PHILIPS CPT |
| "(20") | 181-013C | MPP 200V 0.39UF J |
| "(14") | 181-013D | MPP 200V 0.43UF J |
| C413 | 0CK2220W515 | 2200P 500V K B TS |
| C414 | 181-015D | MPP 1600V 0.0062UF H |
| " | 181-015C | MPP 1600V 0.006UF H *S/S CPT |
| " | 181-015F | MPP 1600V 0.0073UF H *PHILIPS CPT |
| "(20") | 181-015E | MPP 1600V 0.0068UF H *S/S CPT |
| C417 | 181-091U | R 220PF 2KV 10%,10% R/TP TP7.5 |
| "(20") | 181-091V | R 390PF 2KV 10%, 10% *PHILIPS CPT |
| "(14") | 181-033H | 2KV B 101K *PHILIPS CPT |
| C50 | 0CN1010K519 | 100P 50V K B TA52 |
| C502 | 0CQ2221N509 | 0.0022U 100V K POLY TP |
| C503 | 0CE224DK618 | 0.2200UF STD 50V M FL TP5 |
| C506 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C51 | 0CN1010K519 | 100P 50V K B TA52 |
| C511 | 0CE226DK618 | 22UF STD 50V M FL TP5 |
| C512 | 0CE105DK618 | 1UF STD 50V M FL TP5 |
| C513 | 181-007C | MPE ECQV1H104JL3(TR), 50V 0.1UF J |
| C514 | 181-009R | PP 200V 0.022UF K |
| C515 | 181-009R | PP 200V 0.022UF K |
| C517 | 0CE107DD618 | 100UF STD 10V M FL TP5 |
| C523 | 0CE107DD618 | 100UF STD 10V M FL TP5 |
| C524 | 0CE105DK618 | 1UF STD 50V M FL TP5 |
| C54 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C540 | 0CE106DR618 | 10UF STD 250V M FL TP5 |
| C552 | 0CE105DK618 | 1UF STD 50V M FL TP5 |
| "(20") | 181-007F | MPE ECQV1H224JL3 |
| C56 | 0CN2210K519 | 220P 50V K B TA52 |
| C601 | 0CE226DF618 | 22UF STD 16V M FL TP5 |
| C602 | 181-007F | MPE ECQV1H224JL3(TR), 50V 0.22UF J |
| C603 | 0CQ1221N419 | 0.0012U 100V J POLY NI TP |
| C605 | 0CQ1221N419 | 0.0012U 100V J POLY NI TP |
| C606 | 181-007F | MPE ECQV1H224JL3(TR), 50V 0.22UF J |
| C607 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C611 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C612 | 0CE227DH618 | 220UF STD 25V M FL TP5 |
| "(20") | 0CE227DJ618 | 220UF STD 35V M |
| C621 | 0CQ2231N509 | 0.022U 100V K |

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|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C622 | 0CE225DK618 | 2.2UF STD 50V 20% |
| C623 | 0CE106DK618 | 10UF STD 50V M |
| C624 | 0CE337DH618 | 330UF STD 25V M |
| C625 | 0CQ1041N509 | 0.1U 100V K |
| C626 | 0CE106DK618 | 10UF STD 50V M |
| C627 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C628 | 0CE105DK618 | 1UF STD 50V M |
| C661 | 0CN4710K519 | 470P 50V K B TA52 |
| C662 | 0CN4710K519 | 470P 50V K B TA52 |
| C663 | 0CE227DD618 | 220UF STD 10V M FL TP5 |
| C664 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C665 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C666 | 0CE335DK618 | 3.3UF STD 50V 20% FL TP 5 |
| C667 | 0CN3320F569 | 3300P 16V K X TA52 |
| C668 | 0CN3320F569 | 3300P 16V K X TA52 |
| C669 | 0CE226DF618 | 22UF STD 16V M FL TP5 |
| C670 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C672 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C673 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C674 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C675 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C680 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C681 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C684 | 0CN1030F679 | 10000P 16V M Y TA52 |
| C685 | 0CE106DF618 | 10UF STD 16V M FL TP5 |
| C686 | 0CX1000K409 | 10P 50V J SL TA52 |
| C687 | 0CX5600K409 | 56P 50V J SL TA52 |
| C688 | 0CX5600K409 | 56P 50V J SL TA52 |
| C689 | 0CC0200K115 | 2P 50V D NP0 TS |
| C690 | 0CC0500K115 | 5P 50V D NP0 TS |
| C699 | 0CE107DD618 | 100UF STD 10V M FL TP5 |
| C801 | 0CE107BJ618 | 100UF KME 35V M FL TP5 |
| C802 | 181-091P | SL 270PF 1KV 10%,10% |
| C803 | 0CK8210W515 | 820P 500V K B TS |
| C807 | 0CK10201515 | 1000P 1KV K B TS |
| C809 | 181-120K | 2200PF 4KV M E FMTW LEAD 4.5 |
| “(20)” | 181-120N | 1000PF 4KV M E |
| C811 | 181-120N | 1000PF 4KV M E |
| C812 | 181-091Q | R 470PF 1KV 10%,10% |
| C813 | 181-091R | R 1000PF 1KV 10%,10% |
| C814 | 0CE227BP650 | 220UF KME TYPE 160V 20% |
| “(20)” | 0CE4761P650 | 47UF SM, SA 160V 20% |
| C816 | 181-001F | CE 400V 220UF M LUG (85) |
| C817 | 0CK4710W515 | 470PF 500V K B TR |
| C818 | 0CQ1041N509 | 0.1U 100V K POLY TP |
| C819 | 0CE225CK636 | 2.2UF SHL,SD 50V 20% |
| C820 | 181-091Q | R 470PF 1KV 10%,10% |
| C822 | 0CE4761P650 | 47UF SM, SA 160V 20% |
| C823 | 0CK2210K515 | 220P 50V K B TS |
| C826 | 0CE228DF618 | 2200UF STD 16V M FL TP5 |
| “(20)” | 0CE477DF618 | 470UF STD 16V 20% |
| C828 | 0CQZVBK002A | A.C 275V 0.1UF M (S=15) |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C829 | 0CF1021047A | 1000PF D 800V 5% |
| C830 | 0CK4710K515 | 470PF 50V K B TR |
| C831 | 0CE108DJ618 | 1000UF STD 35V M FL TP5 |
| “(20)” | 0CE227DJ618 | 220UF STD 35V M |
| C833 | 0CE227DD618 | 220UF STD 10V M FL TP5 |
| C834 | 0CK10201515 | 1000P 1KV K B TS |
| C835 | 0CE107CP618 | 100U SHL 160V M FL TP5 |
| C850 | 0CE108DF618 | 1000UF STD 16V M FL TP5 |
| “(20)” | 0CE477DF618 | 470UF STD 16V 20% |
| C901 | 0CE475DR618 | 4.7UF STD 250V 20% |
| C902 | 0CN3310K519 | 330P 50V K B TA52 |
| C904 | 0CN2210K519 | 220P 50V K B TA52 |
| C907 | 0CN3310K519 | 330P 50V K B TA52 |
| C908 | 0CK12202510 | 1200P 2KV K B S |
| **FUSE & JACK** | | |
| F801 | 0FT3151B51C | FUSE,SLOW BLOW 3150MA 250V |
| JA01 | 6612VJH023A | JACK,RCA A/V 11P DVD/AV P=15 H=12.5 DECO |
| “(20)” | 6612VJH004D | JACK,RCA PJ6056D 2P A/V |
| JA02 | 6613V00006C | JACK ASSY,PJ6062C 2P |
| JA1201 | 6613V00004B | JACK ASSY,3P |
| JA1202 | 380-068B | JACK,PHONE 3.5 EARPHONE WITH SW |
| **COIL & TRANSFORMER** | | |
| L1 | 0LA0152K119 | INDUCTOR,15UH K |
| L102 | 0LA0820K119 | INDUCTOR,0.82UH K |
| L104 | 0LA1000K139 | INDUCTOR,100UH K |
| L1301 | 0LA0472K119 | INDUCTOR,47UH K |
| L201 | 0LA0152K119 | INDUCTOR,15UH K |
| L202 | 0LA0152K119 | INDUCTOR,15UH K |
| L3 | 0LA1000K119 | INDUCTOR,100UH K |
| L401 | 6140VE0001V | COIL,LINEARITY 60UH |
| “(20)” | 150-L01R | COIL,LINEARITY 38UH |
| L402 | 6140VB0001F | COIL,CHOKE 130UH |
| L662 | 0LA0152K119 | INDUCTOR,15UH K |
| L802 | 150-C02F | COIL,CHOKE 82UH |
| L901 | 0LA2700K139 | INDUCTOR,270UH 10% |
| “(20)” | 0LA1200K139 | INDUCTOR,120UH K |
| T402 | 6174V-6006H | FBT,BSC23N0121 15 YINYANG 6006C |
| “(20)” | 6174V-6002U | FBT,BSC26N2121 |
| T403 | 151-C02B | TRANSFORMER,H-DRIVER EI2519 01UH EI19 |
| T801 | 6170VMCA13J | TRANSFORMER,SMPS[COIL] EER4215 480UH |
| “(20)” | 6170VMCA43D | TRANSFORMER,SMPS[COIL] EER3940 530UH 115V |
| **CONNECTOR** | | |
| P1101B | 387-A04J | CONNECTOR ASSEMBLY,4P 2.5MM |
| P1203A | 387-A05J | CONNECTOR ASSEMBLY,5P 2.5MM |
| P1206A | 387-A06J | CONNECTOR ASSEMBLY,6P 2.5MM |
| P1307A | 387-A07C | CONNECTOR ASSEMBLY,7P 2.5MM |
| **RESISTOR** | | |
| FR301 | 0RF0101J607 | 1 OHM 1 W 5.00% TA62 |

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|---|---|---|
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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| FR401 | 0RF0301K607 | 3 OHM 2 W 5.00% TA62 |
| “ | 0RF0241K607 | 2.4 OHM 2 W 5.00% *S/S, PHILIPS CPT |
| “(20”) | 0RF0121K607 | 1.2 OHM 2 W 5.00% |
| FR403 | 0RF0121K607 | 1.2 OHM 2 W 5.00% TA62 |
| “(14”) | 0RF0141K607 | 1.4 OHM 2 W 5.00% TA62 |
| FR501 | 0RF0101J607 | 1 OHM 1 W 5.00% TA62 |
| FR805 | 0RP0020J809 | 0.02 OHM 1 W 20% TA52 |
| FR816 | 0RP0050H709 | 0.05 OHM 1/2 W 10% TA52 |
| FR932 | 0RF0680H609 | 0.68 OHM 1/2 W 5.00% |
| “(20”) | 0RF0470H609 | 0.47 OHM 1/2 W 5.00% |
| J510 | 0RD2402F609 | 24K OHM 1/6 W 5.00% TA52 |
| J627 | 0RD4302F609 | 43K OHM 1/6 W 5.00% TA52 |
| J628 | 0RD4302F609 | 43K OHM 1/6 W 5.00% TA52 |
| J671 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| J674 | 0RD1301F609 | 1.3K OHM 1/6 W 5.00% |
| R1 | 0RD9100F609 | 910 OHM 1/6 W 5.00% |
| R100 | 0RD0752F609 | 75 OHM 1/6 W 5.00% TA52 |
| R101 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R102 | 0RD3601F609 | 3.6K OHM 1/6 W 5.00% TA52 |
| R103 | 0RD1201F609 | 1.2K OHM 1/6 W 5% TA52 |
| R104 | 0RD0222F609 | 22 OHM 1/6 W 5.00% TA52 |
| R105 | 0RD3900F609 | 390 OHM 1/6 W 5% TA52 |
| R107 | 0RS1202K607 | 12K OHM 2 W 5.00% TA62 |
| R11 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R110 | 0RD1202F609 | 12K OHM 1/6 W 5% TA52 |
| R1101 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| R1102 | 0RD1501F609 | 1.5K OHM 1/6 W 5% TA52 |
| R1103 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| R1104 | 0RD1501F609 | 1.5K OHM 1/6 W 5% TA52 |
| R111 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R112 | 0RD1502F609 | 15K OHM 1/6 W 5.00% TA52 |
| R1204 | 0RD1500H609 | 150 OHM 1/2 W 5.00% TA52 |
| R1222 | 0RD1500H609 | 150 OHM 1/2 W 5.00% TA52 |
| R123 | 0RD2200F609 | 220 OHM 1/6 W 5.00% TA52 |
| R13 | 0RD4302F609 | 43K OHM 1/6 W 5.00% TA52 |
| R130 | 0RS0682K607 | 68 OHM 2 W 5.00% TA62 |
| R1301 | 0RD2200F609 | 220 OHM 1/6 W 5.00% *TA52 |
| R1303 | 0RD9100F609 | 910 OHM 1/6 W 5.00% TA52 |
| R1305 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| R1306 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R1307 | 0RD9100F609 | 910 OHM 1/6 W 5.00% TA52 |
| R152 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| R153 | 0RD1001F609 | 1K OHM 1/6 W 5% TA52 |
| R16 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R19 | 0RD2200F609 | 220 OHM 1/6 W 5.00% TA52 |
| R191 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| R192 | 0RD8200F609 | 820 OHM 1/6 W 5.00% TA52 |
| R193 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| R194 | 0RD1202F609 | 12K OHM 1/6 W 5% TA52 |
| R195 | 0RD1003F609 | 100K OHM 1/6 W 5% TA52 |
| R20 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R203 | 0RD4302F609 | 43K OHM 1/6 W 5.00% TA52 |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R204 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R207 | 0RD0822F609 | 82 OHM 1/6 W 5.00% TA52 |
| R208 | 0RD1500F609 | 150 OHM 1/6 W 5.00% TA52 |
| R209 | 0RD0682F609 | 68 OHM 1/6 W 5.00% TA52 |
| R21 | 0RD2200F609 | 220 OHM 1/6 W 5.00% TA52 |
| R213 | 0RD2700H609 | 270 OHM 1/2 W 5.00% TA52 |
| R214 | 0RD2700H609 | 270 OHM 1/2 W 5.00% TA52 |
| R217 | 0RS0222K607 | 22 OHM 2 W 5.00% TA62 |
| R218 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R219 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R22 | 0RD4702F609 | 47K OHM 1/6 W 5% TA52 |
| R220 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R222 | 0RD3300F609 | 330 OHM 1/6 W 5.00% TA52 |
| R225 | 0RD0752F609 | 75 OHM 1/6 W 5.00% TA52 |
| R226 | 0RD3300F609 | 330 OHM 1/6 W 5.00% TA52 |
| R227 | 0RD2203F609 | 220K OHM 1/6 W 5.00% TA52 |
| R228 | 0RD4302F609 | 43K OHM 1/6 W 5.00% TA52 |
| R229 | 0RD2203F609 | 220K OHM 1/6 W 5.00% TA52 |
| R23 | 0RD2202F609 | 22K OHM 1/6 W 5% TA52 |
| R230 | 0RD0752F609 | 75 OHM 1/6 W 5.00% TA52 |
| R231 | 0RD1003F609 | 100K OHM 1/6 W 5% TA52 |
| R238 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R239 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R24 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R240 | 0RD1600F609 | 160 OHM 1/6 W 5.00% TA52 |
| R242 | 0RD3300F609 | 330 OHM 1/6 W 5.00% TA52 |
| R244 | 0RD4700F609 | 470 OHM 1/6 W 0.05 TA52 |
| R247 | 0RD2400F609 | 240 OHM 1/6 W 5.00% TA52 |
| R248 | 0RD2203F609 | 220K OHM 1/6 W 5.00% TA52 |
| R249 | 0RD0752F609 | 75 OHM 1/6 W 5.00% TA52 |
| R25 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R254 | 0RD0752F609 | 75 OHM 1/6 W 5.00% TA52 |
| R255 | 0RD2203F609 | 220K OHM 1/6 W 5.00% TA52 |
| R256 | 0RD2203F609 | 220K OHM 1/6 W 5.00% TA52 |
| R26 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| R28 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R301 | 0RN4700F409 | 470 OHM 1/6 W 1.00% TA52 |
| R302 | 0RD1001H609 | 1K OHM 1/2 W 5.00% TA52 |
| “(20”) | 0RD8200H609 | 820 OHM 1/2 W 5.00% TA52 |
| “(14”) | 0RD1501H609 | 1.5K OHM 1/2 W 5.00% TA52 |
| R303 | 0RD0561H609 | 5.6 OHM 1/2 W 5.00% TA52 |
| “ | 0RD0681H609 | 6.8 OHM 1/2 W 5.00% *S/S CPT |
| R304 | 0RD0561H609 | 5.6 OHM 1/2 W 5.00% TA52 |
| “(20”) | 0RD0681H609 | 6.8 OHM 1/2 W 5.00% TA52 |
| “(14”) | 0RD0391H609 | 3.9 OHM 1/2 W 5.00% TA52 |
| R305 | 0RD1202F609 | 12K OHM 1/6 W 5% TA52 |
| R306 | 0RD8202F609 | 82K OHM 1/6 W 5.00% TA52 |
| R307 | 0RD6801F609 | 6.8K OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD7501F609 | 7.5K OHM 1/6 W 5.00% TA52 |
| R308 | 0RD2002F609 | 20K OHM 1/6 W 5.00% TA52 |
| R309 | 0RD6801F609 | 6.8K OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD7501F609 | 7.5K OHM 1/6 W 5.00% TA52 |

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|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R310 | 0RD0101H609 | 1 OHM 1/2 W 5.00% TA52 |
| R311 | 0RD4702F609 | 47K OHM 1/6 W 5% TA52 |
| R312 | 0RD1502F609 | 15K OHM 1/6 W 5.00% TA52 |
| R315 | 0RS4700H609 | 470 OHM 1/2 W 5.00% TA52 |
| “(20”) | 0RD4700H609 | 470 OHM 1/2 W 5.00% TA52 |
| R316 | 0RN1001F409 | 1K OHM 1/6 W 1.00% TA52 |
| R37 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R38 | 0RD3300F609 | 330 OHM 1/6 W 5.00% TA52 |
| R39 | 0RD3300F609 | 330 OHM 1/6 W 5.00% TA52 |
| R401 | 0RD0472H609 | 47 OHM 1/2 W 5.00% TA52 |
| “(20”) | 0RD0122H609 | 12 OHM 1/2 W 5.00% TA52 |
| R402 | 0RD3600F609 | 360 OHM 1/6 W 5.00% TA52 |
| R403 | 0RD2001H609 | 2K OHM 1/2 W 5.00% TA52 |
| R404 | 0RD1502F609 | 15K OHM 1/6 W 5.00% TA52 |
| R405 | 0RS8201K607 | 8.2K OHM 2 W 5.00% TA62 |
| R406 | 0RS8201K607 | 8.2K OHM 2 W 5.00% TA62 |
| “(14”) | 0RS5601K607 | 5.6K OHM 2 W 5.00% TA62 |
| R407 | 0RS1002H609 | 10K OHM 1/2 W 5.00% TA52 |
| R408 | 0RD7502F609 | 75K OHM 1/6 W 5.00% TA52 |
| R409 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| R410 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| R412 | 0RS0472H609 | 47 OHM 1/2 W 5.00% TA52 |
| R413 | 0RD3300H609 | 330 OHM 1/2 W 5.00% TA52 |
| R414 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| R416 | 0RS1001J607 | 1K OHM 1 W 5.00% TA62 |
| R418 | 0RD1200F609 | 120 OHM 1/6 W 5.00% TA52 |
| R420 | 0RD2403F609 | 240K OHM 1/6 W 5.00% TA52 |
| R421 | 0RD3000F609 | 300 OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD3300F609 | 330 OHM 1/6 W 5.00% TA52 |
| “(14”) | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R423 | 0RD1202F609 | 12K OHM 1/6 W 5% TA52 |
| R48 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R501 | 0RD3002F609 | 30K OHM 1/6 W 5.00% TA52 |
| R502 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R503 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R504 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R505 | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% TA52 |
| R506 | 0RD2204F609 | 2.2M OHM 1/6 W 5.00% TA52 |
| R507 | 0RD1001F609 | 1K OHM 1/6 W 5% TA52 |
| R508 | 0RD1600F609 | 160 OHM 1/6 W 5.00% TA52 |
| R509 | 0RD2700F609 | 270 OHM 1/6 W 5% TA52 |
| R511 | 0RD1500F609 | 150 OHM 1/6 W 5.00% TA52 |
| R512 | 0RD6800F609 | 680 OHM 1/6 W 5% TA52 |
| R514 | 0RD2203F609 | 220K OHM 1/6 W 5.00% TA52 |
| R521 | 0RD3900F609 | 390 OHM 1/6 W 5% TA52 |
| R522 | 0RS0222K607 | 22 OHM 2 W 5.00% TA62 |
| “(20”) | 0RS0102K607 | 10 OHM 2 W 5.00% TA62 |
| R524 | 0RS0332K607 | 33 OHM 2 W 5.00% TA62 |
| R526 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% TA52 |
| R527 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% TA52 |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R528 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% TA52 |
| R541 | 0RD3300F609 | 330 OHM 1/6 W 5.00% TA52 |
| R547 | 0RD7502H609 | 75K OHM 1/2 W 5.00% TA52 |
| “(20”) | 0RD8202H609 | 82K OHM 1/2 W 5.00% TA52 |
| “(14”) | 0RD1203H609 | 120K OHM 1/2 W 5.00% TA52 |
| R550 | 0RS1002H609 | 10K OHM 1/2 W 5.00% TA52 |
| R557 | 0RD1600F609 | 160 OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R58 | 0RD9100F609 | 910 OHM 1/6 W 5.00% TA52 |
| R59 | 0RD2200F609 | 220 OHM 1/6 W 5.00% TA52 |
| R601 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R602 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| R604 | 0RD9100F609 | 910 OHM 1/6 W 5.00% TA52 |
| R606 | 0RD9101F609 | 9.1K OHM 1/6 W 5.00% TA52 |
| R609 | 0RD9101F609 | 9.1K OHM 1/6 W 5.00% TA52 |
| R610 | 0RS0682K607 | 68 OHM 2 W 5.00% TA62 |
| R611 | 0RD4702F609 | 47K OHM 1/6 W 5% TA52 |
| R612 | 0RD4702F609 | 47K OHM 1/6 W 5% TA52 |
| R613 | 0RD0152H609 | 15 OHM 1/2 W 5.00% TA52 |
| R62 | 0RD4300F609 | 430 OHM 1/6 W 5.00% TA52 |
| R621 | 0RD1503F609 | 150K OHM 1/6 W 5% TA52 |
| R622 | 0RD6801F609 | 6.8K OHM 1/6 W 5.00% TA52 |
| R623 | 0RD2202F609 | 22K OHM 1/6 W 5% TA52 |
| R624 | 0RD2202F609 | 22K OHM 1/6 W 5% TA52 |
| R625 | 0RD2202F609 | 22K OHM 1/6 W 5% TA52 |
| R626 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| R627 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| R628 | 0RD0221H609 | 2.2 OHM 1/2 W 5.00% TA52 |
| R629 | 0RD2701F609 | 2.7K OHM 1/6 W 5% TA52 |
| R65 | 0RD3300F609 | 330 OHM 1/6 W 5.00% TA52 |
| R664 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| R665 | 0RD3901F609 | 3.9K OHM 1/6 W 5% TA52 |
| R666 | 0RD3901F609 | 3.9K OHM 1/6 W 5% TA52 |
| R669 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R671 | 0RD1002F609 | 10K OHM 1/6 W 5% TA52 |
| “(20”) | 0RD1001F609 | 1K OHM 1/6 W 5% TA52 |
| R69 | 0RD3300F609 | 330 OHM 1/6 W 5.00% TA52 |
| R70 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| R71 | 0RD1002F609 | 10K OHM 1/6 W 5.00% TA52 |
| R73 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| R74 | 0RD1501F609 | 1.5K OHM 1/6 W 5% TA52 |
| R80 | 0RD4700F609 | 470 OHM 1/6 W 0.05 TA52 |
| R801 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% TA52 |
| R809 | 0RD4702F609 | 47K OHM 1/6 W 5% TA52 |
| R810 | 0RS0470K607 | 0.47 OHM 2 W 5.00% TA62 |
| R812 | 0RKZVTA001C | 8.2M OHM 1/2 W 5% |
| R815 | 0RD0511H609 | 5.1 OHM 1/2 W 5.00% TA52 |
| “(14”) | 0RD0221H609 | 2.2 OHM 1/2 W 5.00% TA52 |
| R816 | 0RD1001F609 | 1K OHM 1/6 W 5% TA52 |
| R821 | 180-A03Q | RW RECT G 7W 1.0 J DOUBLE(SP) |
| R822 | 0RS5602K607 | 56K OHM 2 W 5.00% TA62 |

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|---|---|---|
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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R824 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R825 | 0RD1001F609 | 1K OHM 1/6 W 5% TA52 |
| R826 | 180-A01D | RW ROUND G 2W 0.16 J TA31(63) |
| “(14”) | 180-A01M | 0.22 OHM 2 W 5% |
| R827 | 0RS5602K607 | 56K OHM 2 W 5.00% TA62 |
| R83 | 0RD1501F609 | 1.5K OHM 1/6 W 5% TA62 |
| R881 | 0RD1500H609 | 150 OHM 1/2 W 5.00% TA52 |
| R882 | 0RD2001F609 | 2K OHM 1/6 W 5% TA52 |
| R884 | 0RD1201F609 | 1.2K OHM 1/6 W 5% TA52 |
| R885 | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% TA52 |
| R902 | 0RD1004H609 | 1M OHM 1/2 W 5.00% TA52 |
| R904 | 0RD1501F609 | 1.5K OHM 1/6 W 5% TA52 |
| R905 | 0RD4300F609 | 430 OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD4700F609 | 470 OHM 1/6 W 0.05 |
| R906 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R908 | 0RD1801F609 | 1.8K OHM 1/6 W 5.00% TA52 |
| R912 | 0RS2002K607 | 20K OHM 2 W 5.00% TA62 |
| R913 | 0RD0392F609 | 39 OHM 1/6 W 5.00% TA52 |
| R915 | 0RD4300F609 | 430 OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD4700F609 | 470 OHM 1/6 W 0.05 |
| R916 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R917 | 0RS2002K607 | 20K OHM 2 W 5.00% TA62 |
| R918 | 0RD1501H609 | 1.5K OHM 1/2 W 5.00% TA52 |
| R919 | 0RD1501H609 | 1.5K OHM 1/2 W 5.00% TA52 |
| R92 | 0RD4701F609 | 4.7K OHM 1/6 W 5% TA52 |
| R920 | 0RD1501H609 | 1.5K OHM 1/2 W 5.00% TA52 |
| R921 | 0RD1000F609 | 100 OHM 1/6 W 5% TA52 |
| R922 | 0RD4300F609 | 430 OHM 1/6 W 5.00% TA52 |
| “(20”) | 0RD4700F609 | 470 OHM 1/6 W 0.05 |
| R923 | 0RS2002K607 | 20K OHM 2 W 5.00% TA62 |
| **SWITCH** | | |
| SW1101 | 140-313A | SWITCH,TACT 2LEAD 100G(TA) |
| SW1102 | 140-313A | SWITCH,TACT 2LEAD 100G(TA) |
| SW1103 | 140-313A | SWITCH,TACT 2LEAD 100G(TA) |
| SW1104 | 140-313A | SWITCH,TACT 2LEAD 100G(TA) |
| SW1105 | 140-313A | SWITCH,TACT 2LEAD 100G(TA) |
| SW1106 | 140-313A | SWITCH,TACT 2LEAD 100G(TA) |
| SW1801 | 140-275B | SWITCH,PUSH JDPB21NA 30V 0.3A |
| SW2 | 140-315A | SWITCH,TACT SKHV17910B |
| SW3 | 140-315A | SWITCH,TACT SKHV17910B |
| SW4 | 140-315A | SWITCH,TACT SKHV17910B |
| SW5 | 140-315A | SWITCH,TACT SKHV17910B |
| SW6 | 140-315A | SWITCH,TACT SKHV17910B |
| SW7 | 140-315A | SWITCH,TACT SKHV17910B |
| SW802 | 140-275E | SWITCH,PUSH SPBS222EP011 |
| **FILTER & CRYSTAL** | | |
| FB801 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB802 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB803 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB805 | 125-123A | FILTER,EMC FERRITE BFD3565R2F |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| FB806 | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| T802 | 6200JB8008G | FILTER,EMC SQ2222 FEEL LUX BK 7MH |
| X1 | 156-A01P | RESONATOR,CRYSTAL HC49U 8.000MHZ 30PPM |
| X661 | 156-A02M | RESONATOR,CRYSTAL HC49U 18.432MHZ 30PPM |
| Z102 | 6200QL3001B | FILTER,SAW V/C EPCOS ST M1872D |
| Z201 | 6200VST001C | FILTER,B.P. XT4.5MB 4.5MHZ 166C02B |
| **MISCELLANEOUS** | | |
| LD1301 | 4930V00183B | HOLDER,LED MODULE ASSY . 4PIN |
| PA01 | 6726VV0006H | REMOTE CONTROLLER RECEIVER,38KHZ |
| PA1301 | 6726VV0006J | REMOTE CONTROLLER RECEIVER,38KHZ |
| SK901 | 6620VBC003A | SOCKET ,CPT PCS030A 8PIN 14/360 STRAIGHT |
| “(14”) | 6620VBA003A | SOCKET ,CPT PCS031A 7PIN |
| TH802 | 163-051F | THERMISTOR,PTC J503P84D140M290Q JA HWA +/ 20% |
| TU101 | 6700NFNS06D | TUNER,TAEMH001F LG NTSC FS W/S,FR |
| “(20”) | 6700NFNS06E | TUNER,TAEMH001P |
| VD801 | 164-003G | VARISTOR,TVR621D14A 620V 10% |
| **ACCESSORIES** | | |
| A1 | 3828VA0393B | MANUAL,OWNERS SC023A . LG EN/SP |
| A2 | 6710V00090N | REMOTE CONTROLLER,SC023A W/EYE |
| “ | 6710V00090H | REMOTE CONTROLLER,SC023A *20CB20A |
| A3 | 5010V00003A | ANTENNA 2 POLE 3 SECTION 700MM *20CB20A |
| “ | 5010V00003B | ANTENNA 3SECTION 750MM NTSC SLIM TYPE(204L) |
| A4 | 450-017C | ADAPTER,RF UGCOM 1.5KV 5mA . |
| “ | 450-C07C | ADAPTER,RF UGCOM 1.5KV 5mA . |

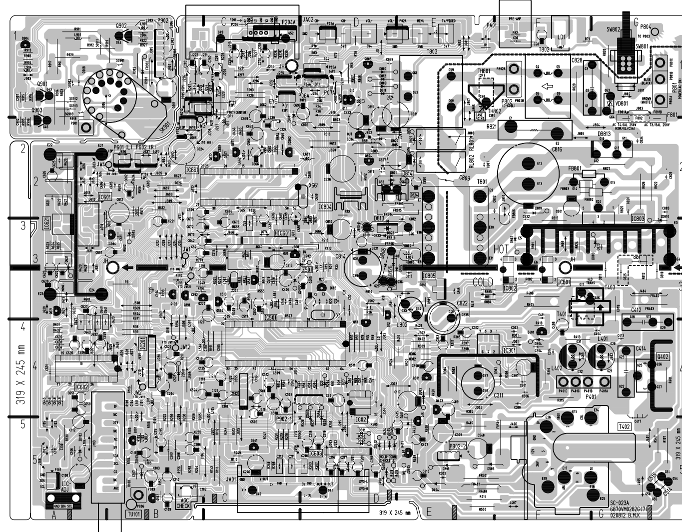



Jan., 2003
P/NO : 3828VD0137D
Printed in Korea



## TABLERO DE CIRCUITO IMPRESO

### MAIN & CPT



## GUÍA PARA UBICAR LOS COMPONENTES

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| C1 ...D3 | C288 ...B5 | C628 ...A3 | C829 ...G2 | FR806 ...D3 | P03A ...D1 | R65 ...D4 | R249 ...C5 | R609 ...B2 | SG902 ...A1 |
| C2 ...D3 | C289 ...B5 | C631 ...A4 | C830 ...E2 | FR807 ...D3 | P04A ...D1 | R69 ...D4 | R254 ...B5 | R610 ...D2 | SG903 ...A2 |
| C4 ...D3 | C301 ...F4 | C632 ...A4 | C831 ...D2 | FR815 ...D2 | P05A ...D1 | R70 ...D1 | R255 ...B5 | R611 ...B3 | SG911 ...A1 |
| C5 ...D4 | C302 ...F4 | C633 ...A4 | C832 ...F3 | FR816 ...D3 | P06A ...C1 | R71 ...F1 | R256 ...B5 | R612 ...B2 | SG912 ...A1 |
| C12 ...D3 | C303 ...E5 | C634 ...A4 | C833 ...D2 | FR932 ...B1 | P401A ...G4 | R73 ...D1 | R260 ...D5 | R613 ...D2 | SG913 ...A2 |
| C28 ...F1 | C304 ...F4 | C635 ...A4 | C834 ...G2 | HIC601 ...C3 | P401B ...F4 | R74 ...D1 | R301 ...F4 | R620 ...A3 | SK901 ...B1 |
| C30 ...F1 | C306 ...F4 | C636 ...A4 | C835 ...E3 | IC02 ...D4 | P401C ...F4 | R75 ...D4 | R302 ...E4 | R621 ...A2 | SW2 ...D1 |
| C31 ...D4 | C307 ...F4 | C639 ...A4 | C850 ...D3 | IC03 ...D3 | P401D ...F4 | R78 ...D1 | R303 ...E4 | R622 ...A2 | SW3 ...D1 |
| C32 ...D4 | C308 ...E4 | C640 ...A4 | C889 ...D1 | IC04 ...D2 | P801A ...G1 | R80 ...D1 | R304 ...E4 | R623 ...A3 | SW4 ...D1 |
| C40 ...D4 | C309 ...E5 | C641 ...A4 | C901 ...B1 | IC201 ...B4 | P801B ...G1 | R82 ...F1 | R305 ...E4 | R624 ...A3 | SW5 ...D1 |
| C50 ...D4 | C310 ...F4 | C642 ...C3 | C902 ...A2 | IC202 ...C3 | P801C ...G1 | R83 ...D1 | R306 ...F4 | R625 ...A3 | SW6 ...E1 |
| C51 ...D4 | C311 ...E4 | C643 ...A4 | C904 ...B1 | IC301 ...E4 | P802A ...F1 | R92 ...D4 | R307 ...E4 | R626 ...B2 | SW7 ...E1 |
| C52 ...C3 | C312 ...E4 | C645 ...A4 | C907 ...A1 | IC501 ...D4 | P802B ...F1 | R100 ...B5 | R308 ...E4 | R627 ...B2 | SW801 ...G1 |
| C53 ...C3 | C313 ...E4 | C646 ...A4 | C908 ...A1 | IC601 ...A3 | P902-1 ...C4 | R101 ...B5 | R309 ...E4 | R628 ...A2 | SW802 ...G1 |
| C54 ...D4 | C314 ...F4 | C647 ...A4 | D21 ...D3 | IC602 ...B4 | P902-2 ...E5 | R102 ...B5 | R310 ...F4 | R629 ...A3 | T401 ...F4 |
| C56 ...D1 | C316 ...C3 | C648 ...A4 | D22 ...D4 | IC603 ...D5 | PA01 ...F1 | R103 ...B5 | R311 ...E4 | R631 ...A4 | T402 ...F5 |
| C101 ...C4 | C401 ...D3 | C649 ...A4 | D23 ...D4 | IC604 ...B3 | Q10 ...D1 | R104 ...B5 | R312 ...E4 | R632 ...A4 | T403 ...G3 |
| C102 ...B5 | C403 ...D3 | C650 ...A4 | D191 ...B4 | IC621 ...A3 | Q11 ...D1 | R105 ...B5 | R315 ...F4 | R664 ...C2 | T801 ...E3 |
| C103 ...B5 | C404 ...G4 | C651 ...A4 | D301 ...E5 | IC661 ...C2 | Q12 ...D3 | R106 ...B4 | R316 ...E4 | R665 ...C2 | T802 ...F1 |
| C104 ...B5 | C406 ...C3 | C661 ...C2 | D302 ...F4 | IC662 ...C2 | Q13 ...D4 | R107 ...G5 | R401 ...G4 | R666 ...C2 | T803 ...E1 |
| C105 ...B5 | C407 ...E5 | C662 ...C2 | D303 ...E4 | IC801 ...F3 | Q16 ...E5 | R108 ...B5 | R402 ...E4 | R668 ...C3 | TH801 ...E1 |
| C106 ...A5 | C408 ...F4 | C663 ...C2 | D304 ...F4 | IC802 ...F3 | Q101 ...B5 | R110 ...C5 | R403 ...G4 | R669 ...B3 | TP1 ...C2 |
| C107 ...B5 | C409 ...E4 | C664 ...C2 | D401 ...E4 | IC803 ...G2 | Q102 ...B5 | R111 ...C5 | R404 ...C3 | R671 ...B4 | TP2 ...C2 |
| C108 ...A5 | C410 ...E5 | C665 ...C2 | D403 ...D5 | IC804 ...D2 | Q191 ...B3 | R112 ...C5 | R405 ...F3 | R801 ...F3 | TP3 ...C2 |
| C109 ...B5 | C411 ...F4 | C666 ...C2 | D404 ...E5 | IC805 ...E3 | Q192 ...B3 | R123 ...C4 | R406 ...F3 | R802 ...D2 | TP4 ...C2 |
| C110 ...B5 | C412 ...G4 | C667 ...C2 | D405 ...D5 | JA01 ...C5 | Q220 ...B3 | R130 ...A5 | R407 ...E5 | R803 ...D2 | TP5 ...C2 |
| C111 ...B5 | C413 ...G4 | C668 ...C2 | D501 ...D5 | JA02 ...C1 | Q241 ...C5 | R152 ...B5 | R408 ...E5 | R806 ...D1 | TP6 ...C2 |
| C112 ...A5 | C414 ...G4 | C669 ...C2 | D502 ...D5 | L1 ...D3 | Q301 ...E4 | R153 ...C5 | R409 ...E5 | R807 ...D1 | TP7 ...C2 |
| C113 ...C4 | C415 ...E5 | C670 ...C3 | D505 ...E5 | L2 ...D4 | Q401 ...F4 | R191 ...C4 | R410 ...E4 | R809 ...E3 | TP8 ...C2 |
| C116 ...C4 | C417 ...G4 | C672 ...C3 | D621 ...A3 | L3 ...D2 | Q402 ...G4 | R192 ...B3 | R411 ...E4 | R810 ...D3 | TP9 ...C2 |
| C117 ...E4 | C501 ...C4 | C673 ...B3 | D801 ...E2 | L101 ...B5 | Q403 ...E4 | R193 ...B3 | R412 ...D3 | R812 ...G3 | TP10 ...C2 |
| C118 ...C4 | C502 ...C4 | C674 ...C3 | D802 ...F3 | L102 ...B5 | Q405 ...E5 | R194 ...B4 | R413 ...G4 | R815 ...F3 | TP11 ...C2 |
| C119 ...C4 | C503 ...C4 | C675 ...C3 | D803 ...G3 | L104 ...A5 | Q502 ...C3 | R195 ...C3 | R414 ...D5 | R816 ...E3 | TP12 ...C2 |
| C120 ...C3 | C506 ...C4 | C680 ...C3 | D806 ...D3 | L105 ...C5 | Q504 ...C3 | R201 ...C1 | R415 ...E5 | R820 ...G1 | TP13 ...C2 |
| C121 ...C4 | C508 ...C4 | C681 ...C3 | D807 ...D1 | L201 ...B4 | Q621 ...A3 | R202 ...B1 | R416 ...E5 | R821 ...F2 | TP14 ...C2 |
| C124 ...C4 | C509 ...C4 | C684 ...D3 | D809 ...D1 | L202 ...C3 | Q671 ...C2 | R203 ...C1 | R417 ...E5 | R822 ...G2 | TP15 ...B2 |
| C125 ...B4 | C511 ...D4 | C685 ...C3 | D810 ...F2 | L401 ...G4 | Q672 ...C2 | R204 ...D4 | R418 ...F4 | R824 ...F3 | TP16 ...C2 |
| C130 ...A5 | C512 ...C4 | C686 ...C3 | D811 ...D1 | L402 ...F4 | Q804 ...D2 | R205 ...C5 | R419 ...D5 | R825 ...G3 | TP17 ...C2 |
| C131 ...A5 | C513 ...C3 | C687 ...C3 | D812 ...D1 | L501 ...B4 | Q805 ...D1 | R206 ...B5 | R420 ...E4 | R826 ...G3 | TP18 ...C2 |
| C165 ...C4 | C514 ...G5 | C688 ...C3 | D813 ...D3 | L504 ...C4 | Q901 ...A1 | R207 ...D5 | R421 ...E4 | R827 ...F2 | TP19 ...A5 |
| C191 ...C3 | C515 ...G5 | C689 ...D2 | D814 ...D2 | L551 ...C3 | Q902 ...B1 | R208 ...C5 | R423 ...E5 | R828 ...F1 | TP20 ...A5 |
| C192 ...C3 | C517 ...C3 | C690 ...D2 | D816 ...E2 | L601 ...C2 | Q903 ...A2 | R209 ...D5 | R501 ...C4 | R881 ...D2 | TU101 ...B5 |
| C193 ...B3 | C518 ...C3 | C699 ...D1 | D820 ...D2 | L611 ...C2 | Q904 ...A1 | R210 ...D3 | R502 ...D4 | R882 ...F3 | VD801 ...G2 |
| C194 ...B3 | C519 ...C3 | C801 ...F2 | D823 ...D3 | L662 ...C2 | R1 ...E1 | R211 ...C2 | R503 ...D4 | R883 ...D2 | X1 ...D4 |
| C195 ...B3 | C520 ...B4 | C802 ...F2 | D824 ...D2 | L802 ...E3 | R9 ...B3 | R212 ...B2 | R504 ...D4 | R884 ...E3 | X661 ...D2 |
| C201 ...C1 | C523 ...B4 | C803 ...G3 | D826 ...D3 | L804 ...E3 | R10 ...D4 | R213 ...C1 | R505 ...D5 | R885 ...E3 | Z102 ...C4 |
| C202 ...C1 | C524 ...C4 | C806 ...C2 | D827 ...E2 | L901 ...A1 | R11 ...D3 | R214 ...B1 | R507 ...C4 | R901 ...A1 | Z201 ...C3 |
| C203 ...B1 | C525 ...D4 | C807 ...E2 | D833 ...D3 | L902 ...B1 | R13 ...D3 | R216 ...D5 | R508 ...C3 | R902 ...B1 | Z501 ...C3 |
| C204 ...B4 | C540 ...E5 | C809 ...E2 | D882 ...D3 | L903 ...B1 | R16 ...D4 | R217 ...B4 | R509 ...C3 | R904 ...A1 | ZD102 ...A5 |
| C210 ...D5 | C551 ...C3 | C810 ...G3 | D901 ...B1 | L904 ...A1 | R19 ...D3 | R218 ...C5 | R511 ...C3 | R905 ...A2 | ZD103 ...B5 |
| C211 ...C5 | C552 ...C3 | C811 ...G3 | DB813 ...G2 | L905 ...B1 | R20 ...D2 | R219 ...C5 | R512 ...C5 | R906 ...A2 | ZD403 ...C3 |
| C212 ...C5 | C555 ...C4 | C812 ...E3 | F802 ...G2 | L906 ...B1 | R21 ...D3 | R220 ...C5 | R513 ...C3 | R908 ...A1 | ZD405 ...E5 |
| C213 ...C3 | C601 ...B3 | C813 ...E3 | F801A ...G2 | LD1 ...F1 | R22 ...D3 | R222 ...B5 | R514 ...C4 | R911 ...A1 | ZD407 ...D5 |
| C214 ...C3 | C602 ...B2 | C814 ...D3 | F801B ...G2 | P01 ...C1 | R23 ...D3 | R225 ...C1 | R521 ...C3 | R912 ...A1 | ZD412 ...D5 |
| C215 ...B5 | C603 ...B2 | C815 ...D2 | FB801 ...F2 | P101 ...A5 | R24 ...D1 | R226 ...C1 | R522 ...E4 | R913 ...A1 | ZD501 ...B4 |
| C216 ...D5 | C605 ...B2 | C816 ...F2 | FB802 ...F2 | P201 ...C1 | R25 ...D3 | R227 ...C1 | R524 ...D4 | R914 ...A2 | ZD502 ...D4 |
| C217 ...D5 | C606 ...A2 | C817 ...D2 | FB803 ...F2 | P206 ...C1 | R26 ...D4 | R228 ...C1 | R526 ...D5 | R915 ...A1 | ZD503 ...D4 |
| C218 ...D5 | C607 ...B3 | C818 ...E3 | FB805 ...E3 | P601 ...B2 | R28 ...D4 | R229 ...C1 | R527 ...D5 | R916 ...A1 | ZD504 ...D4 |
| C219 ...D5 | C611 ...B3 | C819 ...D3 | FB806 ...F3 | P602 ...B2 | R37 ...D4 | R230 ...C1 | R528 ...D5 | R917 ...A1 | ZD601 ...C2 |
| C220 ...C1 | C612 ...B3 | C820 ...G3 | FB905 ...B1 | P703 ...B2 | R38 ...B4 | R231 ...C1 | R541 ...C3 | R918 ...A2 | ZD602 ...B3 |
| C221 ...B3 | C613 ...A3 | C821 ...G3 | FR301 ...E5 | P704 ...B2 | R39 ...B4 | R238 ...B5 | R547 ...G5 | R919 ...B1 | ZD810 ...G3 |
| C224 ...C2 | C621 ...A2 | C822 ...E4 | FR401 ...E5 | P705 ...B1 | R48 ...D4 | R239 ...B5 | R550 ...E5 | R920 ...A1 | |
| C246 ...C5 | C622 ...A3 | C823 ...G3 | FR402 ...G3 | P707 ...C1 | R58 ...D1 | R240 ...B3 | R555 ...C3 | R921 ...B1 | |
| C270 ...C1 | C623 ...A3 | C824 ...D1 | FR403 ...G3 | P709 ...B1 | R59 ...D4 | R242 ...C5 | R557 ...C3 | R922 ...B1 | |
| C280 ...D5 | C624 ...B2 | C825 ...G3 | FR404 ...E5 | P803 ...B5 | R60 ...D1 | R243 ...C3 | R601 ...A3 | R923 ...A2 | |
| C281 ...D5 | C625 ...A2 | C826 ...D2 | FR501 ...F5 | P901 ...A2 | R61 ...C3 | R244 ...C5 | R602 ...B3 | RL801 ...E2 | |
| C285 ...B5 | C626 ...A2 | C827 ...E2 | FR804 ...E2 | P902 ...B1 | R62 ...C3 | R247 ...C3 | R604 ...B4 | RL802 ..E2S | |
| C286 ...B5 | C627 ...A3 | C828 ...G2 | FR805 ...E2 | P02A ...D1 | R63 ...D3 | R248 ...C5 | R606 ...B2 | G901 ...B1 | |

## DIAGRAMA EN BLOQUE

Option Part
IIC Bus Line

SPK.L
SPK.R
CPT DRIVE
Front -AV(2)
H/P
AV-IN
JA02
TO IC602 #2,#5
MONO
SOUND AMP
TDA2006
STEREO,
AV STEREO
Sound Max
SOUND AMP.
TDA7266/97
Mono_Audio
SPK(R/L)-OUT
AV STEREO Audio
Front-AV(L/R)-IN
IC602
AV STEREO
TDA7442
SCL/SDA
IC661
RF STEREO
MSP3425G
From IC804(9V)
H Vcc
IF Vcc
RGB Vcc
SCL/SDA
RGB OUT
EXT Video-in
EXT Audio-in
SIF_out
TV_out
TV_IN
Audio Out
IC501
2 IN 1(UOC)
TMPA8801PSBNG
IC04
EEPROM
24C04
SCL
SDA
V_out
H_out
IC201
LA7956(AV opt.)
SW1 SW2

| SW1 | SW2 | STATUS |
|---|---|---|
| L | L | Game |
| L | H | R-AV |
| H | L | F-AV |
| H | H | TV |

G-V_IN
F-V_IN
R-V_IN
ST-BY TRANS (3W Opt)
T803
AC INPUT (110~240V)
T801
AUDIO B+ (17V,24V)
SMPS TRANS
MONO ( ~43D )
STEREO ( ~13J )
IC04
5V REG
IC804
12V REG
14V
B+ (110/115V)
IC301
VERTICAL AMP
LA78040
V-out
V_DY
T402
14V
IC661(MSP3425G) #41,#42
180V
AFC
ABL
HEATER
B+
Collector
FBT
HDT
Q402
IF
Z102
Saw Filter
Y/Pb/Pr
(Monitor/TV OUT)
From IC804(5V)
YC Vcc
IF Vcc
DVcc
AVdd
From IC804(12V)
5V
5.1V
SDA
SCL
TUNER
AV(L)-IN(Mono)
From 2 IN 1
Video(Game) To IC201#9
Audio(Game) To IC661#44
HIC601
Game Pack(Game Opt)
AV(R/L)-OUT (MNT/TV-OUT)
AV1 L/R
DVD L/R
DVD_R/AV_R out
DVD_L/AV_L out
Rear_AV(1) (PHONE JACK)
DVD (FLAT OPT.)
JA01
Vcc
IC603
LA7222(DVD L,R/AV L,R)

# < SC-023A SCHEMATIC DIAGRAM >

WARINNG BEFORE SERVICING THIS CHASSIS, READ 'X-RAY RADIATION PRECAUTION,' 'SAFETY PRECAUTION' AND PRODUCT SAFETY NOTICE IN THIS MANUAL

CAUTION : THE MARKS IN THE SCHEMATIC DIAGRAM AND THE PARTS LIST DESIGNATE COMPONENTS WHICH HAVE SPECIAL CHARACTERISTICS FOR SAFETY. AND SHOULD BE REPLACED ONLY WHICH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT OR SPECIFIED IN THE PARTS LIST. BEFORE REPLACING ANY OF THESE COMPONENTS, READ CAREFULLY THE PRODUCT SAFETY NOTICE IN THIS MANUAL.
DO NOT DEGRADE THE SAFETY OF THE RECEIVER THROUGH IMPROPER SERVICING.

Mono Option
IC621 TDA2006

IC601 TDA7297/7266

RF>Stereo>(Korea/Japan/USA)
IC661 MSP3425G

Game>Option
HIC01 GAME-PACK

A/V Stereo Option
IC602 TDA7442

A/V>1/2>OPTION
IC201 LA7956

Comb filter Option
Z501

DVD>OPTION
IC603 LA7222

COLD HOT

T801

IC301 LA78040

CPT

P401 V-DY H-DY

FOCUS
SCREEN

JA01 DVD
JA01 (REAR)
JA02 (FRONT)
TU101

WAVE FORM

